

Please replace Paragraph [0002] with the following paragraph:

[0002] Electric machines, such as motors and generators, typically include a stationary stator that defines salient poles and inter-pole slots that are located between the salient poles. The electric machines also include a rotor that defines rotor poles and that rotates relative to the stator. In brushless permanent magnet (BPM) electric machines, the stator is often segmented. In U.S. Patent Serial No. 09/803,876 that is entitled "Segmented Stator Switched Reluctance Machine" and that is commonly assigned, a segmented stator for a switched reluctance machine is disclosed.

IN THE CLAIMS

Please amend the claims in accordance with the following rewritten claims in clean form. Applicant includes herewith an Attachment for Claim Amendments showing a marked up version of each amended claim.

1. (Amended) A stator plate for a stator segment assembly of a stator of an electric machine comprising:
an outer rim section that includes a radially inner surface;
a tooth section extending radially inwardly from said outer rim section; and
a first undercut portion that is formed in said radially inner surface of said outer rim section and that receives winding wire.

a3
3. (Amended) The stator plate of claim 1 wherein said first undercut portion increases slot area and allows additional winding wire to be wound around said tooth section.

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7. (Amended) A stator segment assembly for a stator of an electric machine comprising:

a stator core including a stack of stator plates, each of said stator plates including an outer rim section, a tooth section extending radially inwardly from said outer rim section, a radially inner surface of said outer rim section that is generally perpendicular to said tooth section, and a first undercut portion that is formed in said radially inner surface of said outer rim section and that receives winding wire.